

IN THE CLAIMS:

Please cancel claims 1-28 without prejudice or disclaimer, and substitute new Claims 29-56 therefor as follows:

Claims 1-28 (Cancelled).

29. (New) A process for manufacturing a tyre comprising the steps of:

providing a carcass structure having at least one carcass ply associated with at least one annular reinforcing structure;

providing at least one structural element of a green tyre by laying down at least one elongate element made of crude elastomer material in a position radially external to said carcass structure;

providing said at least one structural element of the green tyre with at least one marking by means of an inkjet marking device;

introducing the green tyre into a moulding cavity; and

curing the green tyre.

30. (New) The process according to claim 29, wherein said at least one structural element is a tyre tread band.

31. (New) The process according to claim 29, wherein said at least one structural element is a tyre sidewall.

32. (New) The process according to claim 29, wherein said at least one structural element is a tyre tread band and a tyre sidewall.

33. (New) The process according to claim 29, further comprising the step of providing a belt structure in a position radially external to said carcass structure.

34. (New) The process according to claim 29, wherein the step of providing at least one structural element is carried out by winding at least one elongate element.

35. (New) The process according to claim 34, wherein the step of winding comprises the step of forming a plurality of coils axially arranged side-by-side and/or radially superposed.

36. (New) The process according to claim 29, wherein the step of providing the carcass structure is carried out on a manufacturing drum.

37. (New) The process according to claim 29, wherein the step of providing the belt structure is carried out on a manufacturing drum or on an auxiliary drum.

38. (New) The process according to claim 36 or 37, further comprising the step of positioning said drum in proximity of a delivery member.

39. (New) The process according to claim 38, further comprising the step of delivering the at least one elongate element by means of said delivery member.

40. (New) The process according to claim 39, wherein the step of delivering is performed while carrying out a relative displacement between the delivery member and the drum.

41. (New) The process according to claim 39, wherein the step of delivering is performed while rotating the drum about its rotation axis.

42. (New) The process according to claim 40, wherein the relative displacement between the delivery member and the drum is carried out by imparting to the drum a translational movement along a direction substantially parallel to its rotation axis.

43. (New) The process according to claim 29, further comprising the step of positioning a manufacturing drum or an auxiliary drum in proximity of the inkjet marking device.

44. (New) The process according to claim 29, wherein the step of providing said at least one structural element with at least one marking is performed while rotating a manufacturing drum or an auxiliary drum about its rotation axis.

45. (New) The process according to claim 29, wherein the step of providing the carcass structure comprises the steps of producing and assembling the carcass structure on a toroidal support.

46. (New) The process according to claim 33, wherein the step of providing the belt structure comprises the steps of producing and assembling the belt structure on a toroidal support.

47. (New) The process according to claim 45 or 46, wherein the toroidal support is substantially rigid.

48. (New) The process according to claim 45 or 46, further comprising the step of positioning said toroidal support in proximity of a delivery member.

49. (New) The process according to claim 48, further comprising the step of delivering the at least one elongate element by means of said delivery member.

50. (New) The process according to claim 49, wherein the step of delivering is performed while carrying out a relative displacement between the delivery member and the toroidal support.

51. (New) The process according to claim 49, wherein the step of delivering is performed while rotating the toroidal support about its rotation axis.

52. (New) The process according to claim 50, wherein the relative displacement between the delivery member and toroidal support is carried out by imparting to the toroidal support a translational movement along a direction substantially parallel to its rotation axis.

53. (New) The process according to claim 45, further comprising the step of positioning the toroidal support in proximity of the inkjet marking device.

54. (New) The process according to claim 45, wherein in the step of providing said at least one structural element with at least one marking is performed while rotating the toroidal support about its rotation axis.

55. (New) The process according to claim 29, wherein the inkjet marking device comprises at least one printhead.

56. (New) The process according to claim 55, wherein the printhead is provided with at least one nozzle.